

Exton, Pennsylvania, USA, 10 November 2021

SARTOMER INTRODUCES ULTRA-LOW LOSS DIELECTRIC RESINS FOR 3D PRINTING AND ADVANCED ELECTRONIC APPLICATIONS

Sartomer, a business line of Arkema, offers new ultra-low loss materials with varied viscosities for radio frequency (RF) applications. These materials are ideal for 3D printing and advanced electronic applications.

PRO14729, PRO14730 and PRO14731 are UV-curable resins capable of providing a dielectric constant (Dk) of ≤ 3.0 and a dissipation factor (Df) of ≤ 0.0032 . They are designed for use in electronics, antenna elements, radomes, lenses, copper clad laminates, B-staging, server storage and IOT applications.

“As 3D printing is transforming electronics applications to meet demands of improved performance, functionality and speed to market, we are continuously working to develop materials technologies that optimize electrical performance as well as thermal and mechanical,” said Sumeet Jain, Senior Director of 3D Printing Worldwide at Arkema. “To meet the growing electronic market’s specific needs, we have invested in a dedicated team of electronics specialists.”

Neal Pfeiffenberger, Technical Business Development Engineer, added, “These new ultra-low dielectric loss materials are part of a growing portfolio of UV-curable solutions for electronics, the first of many innovations in our product range to support this emerging industry.”

Sartomer will present these new resins to the 3D printing market at the in-person Formnext 2021 event November 16-19 at Arkema’s booth in Hall 12.1 F119.

Building on its unique set of expertise in materials science, **Arkema** offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials -Adhesive solutions, Advanced Materials, and Coating Solutions- accounting for some 82% of Group sales in 2020, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of around €8 billion in 2020, and operates in some 55 countries with 20,600 employees worldwide.

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